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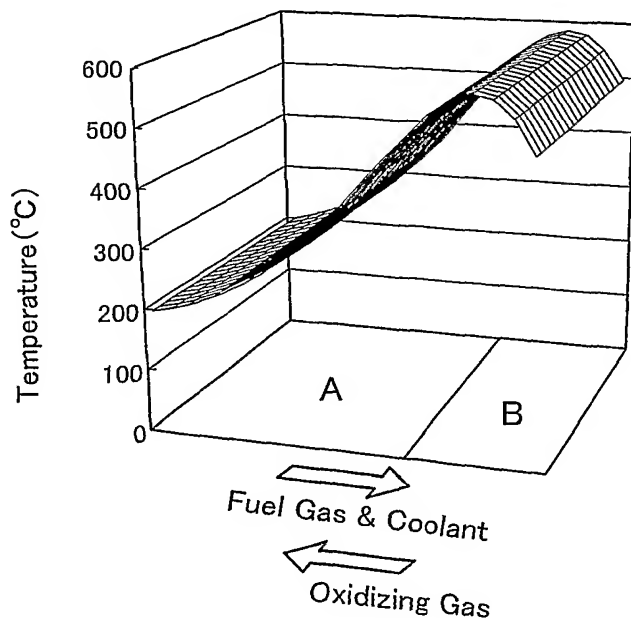
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(54) Title: FUEL CELL



(57) Abstract: A fuel cell of the invention has a hydrogen permeable metal layer, which is formed on a plane of an electrolyte layer that has proton conductivity and includes a hydrogen permeable metal. The fuel cell includes a higher temperature zone and a lower temperature zone that has a lower temperature than the higher temperature zone. The hydrogen permeable metal layer includes a lower temperature area A corresponding to the lower temperature zone and a higher temperature area B corresponding to the higher temperature zone. The lower temperature area A and the higher temperature area B have different settings of composition and/or layout of components. This arrangement effectively prevents potential deterioration of cell performance due to an uneven distribution of internal temperature of the fuel cell including the hydrogen permeable metal layer.



SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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